

A REQUEST FOR PROPOSAL FOR PERSONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2016-04
Jefferson / KY 1931 & I-264 Interchange Justification Study (IJS) / 05-8405.00

This document constitutes a Request for Proposals for Personal Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County: Jefferson
Route: KY 1931 (Manslick Road) and I-264 (Watterson Expressway).
Item No.: 05-8405.00
Project Description: Interchange Justification Study (IJS) for interchange at KY-1931 and I-264 (08CCN) (10CCR) (12CCR) (14CCR)

II. PROJECT INFORMATION

Project Manager: Keith Downs
User Division: Highway Design
Approximate Fee: \$350,000 Lump Sum
Project Funding: SPP Funds (State Priority Funds) / Federal IMD
Project Length: Approximately 0.43 miles

III. PURPOSE AND NEED

The purpose of this project is to provide a safe, reliable roadway and to improve the connectivity of the interstate network between the eastern and southern portion of Jefferson County and to reduce congestion and delays on a portion of I-264.

I-264 at the Dixie Highway and Taylor Boulevard interchanges frequently experiences traffic backups spilling onto the mainline of the expressway in the peak hours along with high crash rates and congestion being experienced on the surface streets in the project area. The 2007 feasibility study recommends Alternative 3, a partial interchange that would allow access to and from the east be advanced only after widening Manslick Road (KY 1931) to the south. The KY 1931 Planning Study completed in 2014 recommends that a 3 Lane Widening Alternative advance for future project development and would be sufficient to accommodate traffic for the proposed I-264/KY 1931 interchange.

IV. DBE REQUIREMENT

The consultant may include a DBE Participation Plan with their Response to Announcement. An additional page will be allowed with the Project Approach (Page 7) in the Response to Announcement to convey this plan. A maximum of 3 points will be considered in the evaluation factors for the DBE Participation Plan.

V. SCOPE OF WORK

In the initial contract the selected Consultant will be required to prepare an Interchange Justification Study focusing on the Project Team's recommendation from the 2007 Feasibility Study of which Alternative 3; a partial interchange was purposed for the new interchange at I-264 and KY 1931 Manslick Road. Upon positive review by FHWA the contract may be advanced into Phase 1 - Preliminary Engineering & Environmental Analysis by a Contract Modification. This project may also then advance to Final Roadway Design with an additional Contract Modification. The Department reserves the right to advertise the entire project for Preliminary and/or Final Roadway Design.

The selected Consultant may be responsible to provide Preliminary Engineering, including the preparation of Engineering Studies, identification of appropriate Typical Sections, identifying any Utility Impacts, performing Drainage Design, developing dependable Cost Estimates, preparing documents for possible Public Meetings and providing documents and/or plans to be used in obtaining an approved Environmental Document which is anticipated to be a CE Level 3.

As part of the initial contract, the selected Consultant will be required to conduct sufficient studies to satisfy the requirements of an Interchange Justification Study with expected deliverables of preliminary interchange layouts and cost estimates (construction, right-of-way and utilities). Study limits are from MP 7.0 to MP 9.2 on I-264.

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the services advertised here to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

[I-264 / Manslick Road Interchange Feasibility Study](#). I-264 between Dixie Highway and Taylor Boulevard Jefferson County, Kentucky, Item No.: 05-436.00 – Final Report, December 2007.

[KY 1931 Scoping Study](#), Item No. 5-480.00, Jefferson County, Kentucky, August 2014.

VIII. METHOD OF DESIGN

The selected consultant shall utilize the most recent CADD Standards for Highway Plans Policy.

IX. ENVIRONMENTAL

Any necessary Environmental Services will be provided by the selected Consultant. It is anticipated that the Environmental Document will be a Categorical Exclusion Level 3 with base studies. *An environmental overview was completed as part of the Feasibility Study. See Section VII AVAILABLE STUDIES for a link to this study.*

X. PHOTOGRAMMETRIC SERVICES

The Department will provide the selected Consultant with LiDAR files and conventional

surveying may be used to supplement, if needed.

XI. STRUCTURE DESIGN

The selected Consultant shall provide the necessary engineering service to submit an Advanced Situation Folder(s) to the Department for the appropriate applicable structure(s). The selected Consultant will be responsible for any necessary structure design, which may be added by Contract Modification after Preliminary Engineering. Prequalification in the area of Structure Design is required to be identified in the Consultant's Response to Announcement.

XII. GEOTECHNICAL SERVICES

The selected Consultant will provide all Geotechnical Services required for the project. Prequalification in the area of Geotechnical Services is required to be identified in the Consultant's Response to Announcement.

XIII. TRAFFIC

The Traffic projections, traffic forecast, related information and modeling necessary for the Interchange Justification Study will be provided by the selected Consultant. Prequalification in the area of Traffic Engineering is required to be identified in the Consultant's Response to Announcement.

XIV. RIGHT OF WAY

The Department will be responsible for estimating Right-of-Way costs based on plans provided by the selected Consultant. The selected Consultant shall identify property owners and perform deed research within the project limits. Property owner information shall be shown on the plans along with existing Right-of-Way and property lines. Preliminary Right-of-Way limits shall be developed showing all areas of taking with tabulated areas for Proposed Right-of-Way and all temporary and permanent easements.

XV. UTILITIES

The selected Consultant will provide the majority of utility coordination.

The selected Consultant will send project location maps to all potential Jefferson County utility contacts to determine whether they may have existing utilities within these project limits. Facility atlas maps received for this project will be provided to the selected Consultant. Sizes and types of underground and aerial utilities shall be identified for each alignment alternative in the PL&G submittal and in the Right-of-Way and Drainage Inspection submittals. If this project advances to Final Design, all utilities including aerial carriers shall be field-verified by the Consultant. Sizes and types of underground and aerial utilities shall be identified on the plans. Plans shall be provided by the Consultant in both .pdf and .dgn formats. These will be distributed by the Consultant to utility representatives for review and comment.

The selected Consultant will provide Subsurface Utility Engineering (SUE) work to field-locate utilities as needed. Horizontal and vertical location of existing utilities shown on Final Roadway Design plans shall be adjusted by the consultant as necessary to reflect actual SUE results.

The Department will be responsible for estimating utility costs based on plans provided by the

selected Consultant. The Department will develop the utility contact list. The Department will also prepare and administrate all agreements with the Utility Companies.

XVI. PREQUALIFICATION REQUIREMENTS

To respond to this project, the consultant project team must be prequalified in the following areas by the Response Due date of this advertisement.

ROADWAY DESIGN

- Rural Roadway Design
- Urban Roadway Design
- Surveying
- Advanced Traffic Engineering Design & Modeling

STRUCTURE DESIGN

- Structure Design – Spans Under 500'

GEOTECHNICAL SERVICES

- Laboratory Testing Services
- Drilling Services
- Engineering Services

TRAFFIC ENGINEERING

- Traffic Engineering Services
- Electrical Engineering Traffic Signal Services
- Electrical Engineering Roadway Lighting Services

Transportation Planning Services

- Traffic Data Collection
- Travel Demand and Simulation Modeling
- Traffic Forecasting

ENVIRONMENTAL AND UST SERVICES

- Hazmat Preliminary Site Assessment (Phase I)
- Hazmat Site Recon/Sampling (Phase II)
- Hazmat Laboratory Services
- Hazmat Remediation Services
- UST Preliminary Site Assessment
- UST Leak Detection/Monitoring
- UST Tank Removal/Disposal
- UST Site Remediation Services

ENVIRONMENTAL AQUATIC & TERRESTRIAL ECOSYSTEMS

- Macro invertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

ENVIRONMENTAL ARCHAEOLOGY & OTHER SERVICES

- Prehistoric
- Historic
- Highway Noise
- Air Quality Analysis
- Socioeconomic Analysis
- Cultural Historic Analysis
- EIS Writing & Coordination
- Stream Mitigation

TRANSPORTATION PLANNING / CORRIDOR PLANNING

- Traffic Data Collection
- Travel Demand and Simulation Modeling
- Traffic Forecast
- Pedestrian and Bicycle Facility Planning and Design

XVII. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

- Advertisement Date • October 13, 2015
- Response Date • November 4, 2015 by 4:30 PM ET (Frankfort Time)
- First Selection • November 9, 2015
- Final Selection • November 25, 2015
- Pre-Design Conference • December 2, 2015
- Fee Proposal • December 11, 2015
- Contract Negotiations • December 23, 2015
- Notice To Proceed • February 1, 2016

XVIII. PROJECT SCHEDULE

Submit Interchange Justification Study, September 1, 2016

XIX. EVALUATION FACTORS

1. Relative experience of consultant personnel assigned to project team with highway projects for KYTC and/or federal, local or other state governmental agencies. (15 Points)
2. Capacity to comply with project schedule. (10 Points)
3. Past record of performance on projects similar in type and complexity. (10 Points)
4. Project approach and proposed procedures to accomplish the services for the project. (15 Points)
5. DBE Participation Plan (3 Points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms,

one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XX. SELECTION COMMITTEE MEMBERS

1. Travis Thompson, P.E., User Division
2. Jill Asher, P.E., User Division
3. Ron Matar, P.E., Secretary's Pool
4. Wheeler Nevels, P.E., Secretary's Pool
5. Cole Mitcham, P.E., Governor's Pool

XXI. PROJECT LOCATION

Disclaimer: KYTC provides this map as a reference only. Users are to validate information independently.
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